

# Ship Canal Water Quality Project

## Pump Station Stakeholder Advisory Group

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*February 2, 2017*



# Agenda

- Welcome
- Project overview
- Review Stakeholder Advisory Group Charter
- Pump station design overview
  - Discussion
- Next steps



## Meeting Objectives

- Kick-off Stakeholder Advisory Group
- Review and revise or affirm charter
- Provide overview of Ship Canal Water Quality Project and pump station design

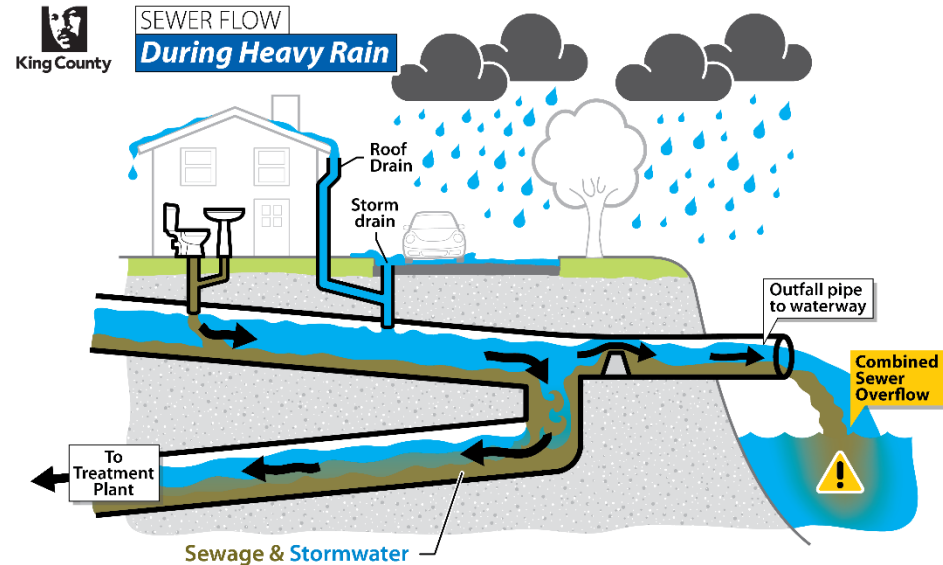
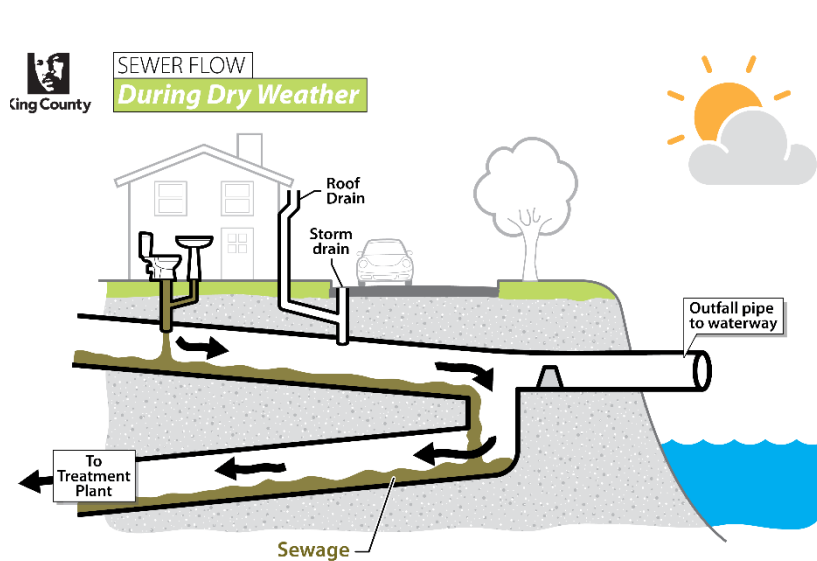
### Look ahead

- April: Building design
- June: Site fencing and landscaping
- August: Prepare draft recommendations
- Mid 2018: Design update



## Background

### What is a Combined Sewer Overflow (CSO)?

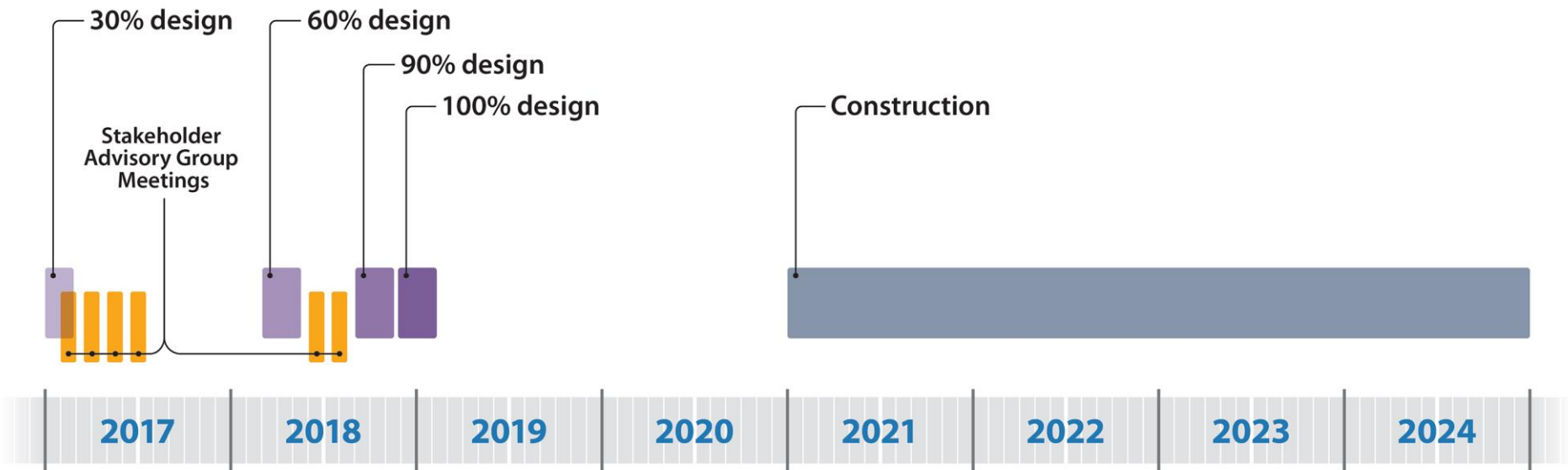


# Ship Canal Project Overview





# Pump Station Schedule





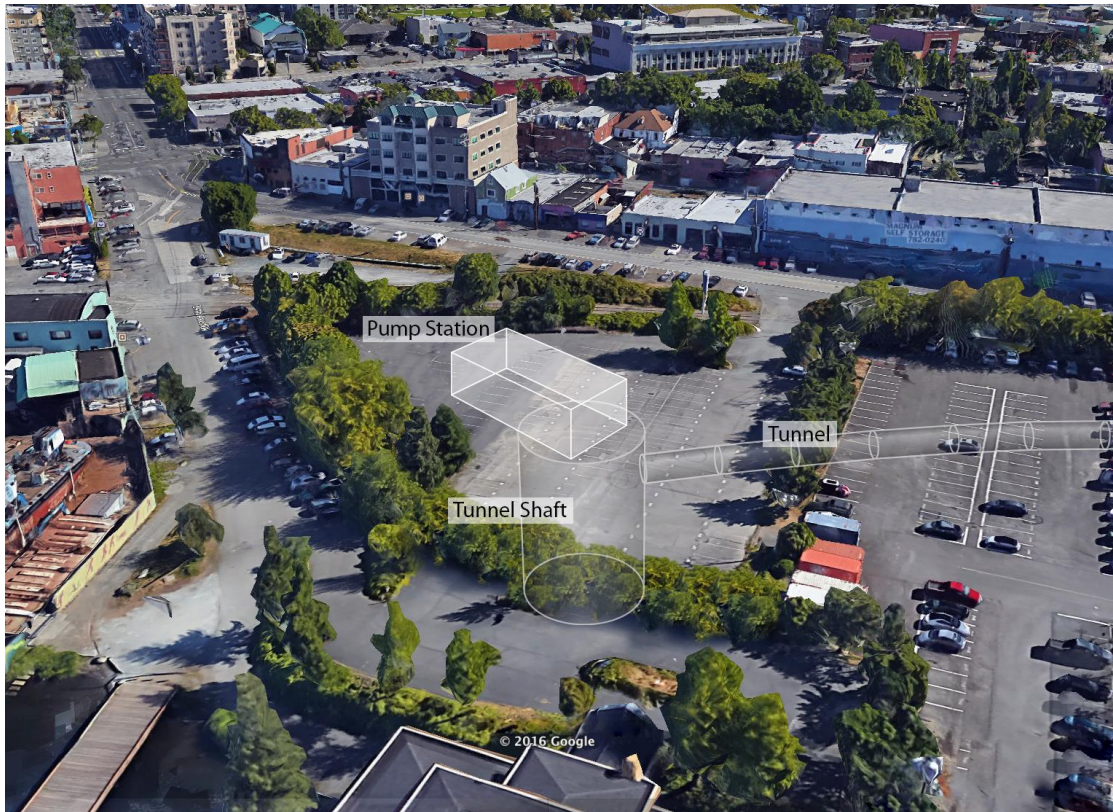
## Stakeholder Advisory Group Responsibilities

- Review draft design concepts
- Represent community interests, concerns, and needs
- Provide focused feedback on site and building design
- Provide guidance on community engagement
- Engage in positive, productive communication
- Support an atmosphere in which people can raise and discuss differences





## Pump Station Overview



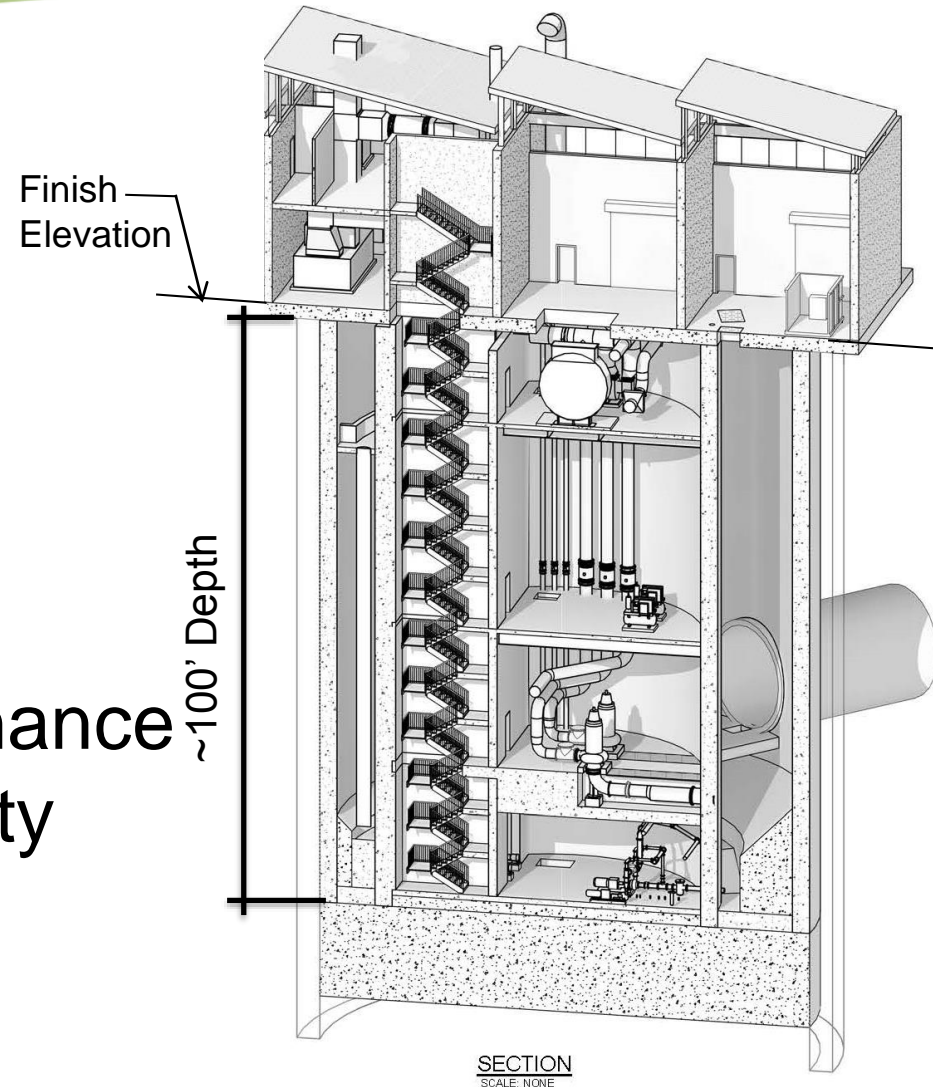
- Conveys polluted water from the tunnel to the County's treatment plant
- Located at the west portal site near 24<sup>th</sup> and Shilshole avenues NW
- Minimizing footprint to the extent possible
- Includes vehicle circulation, landscaping, and fencing





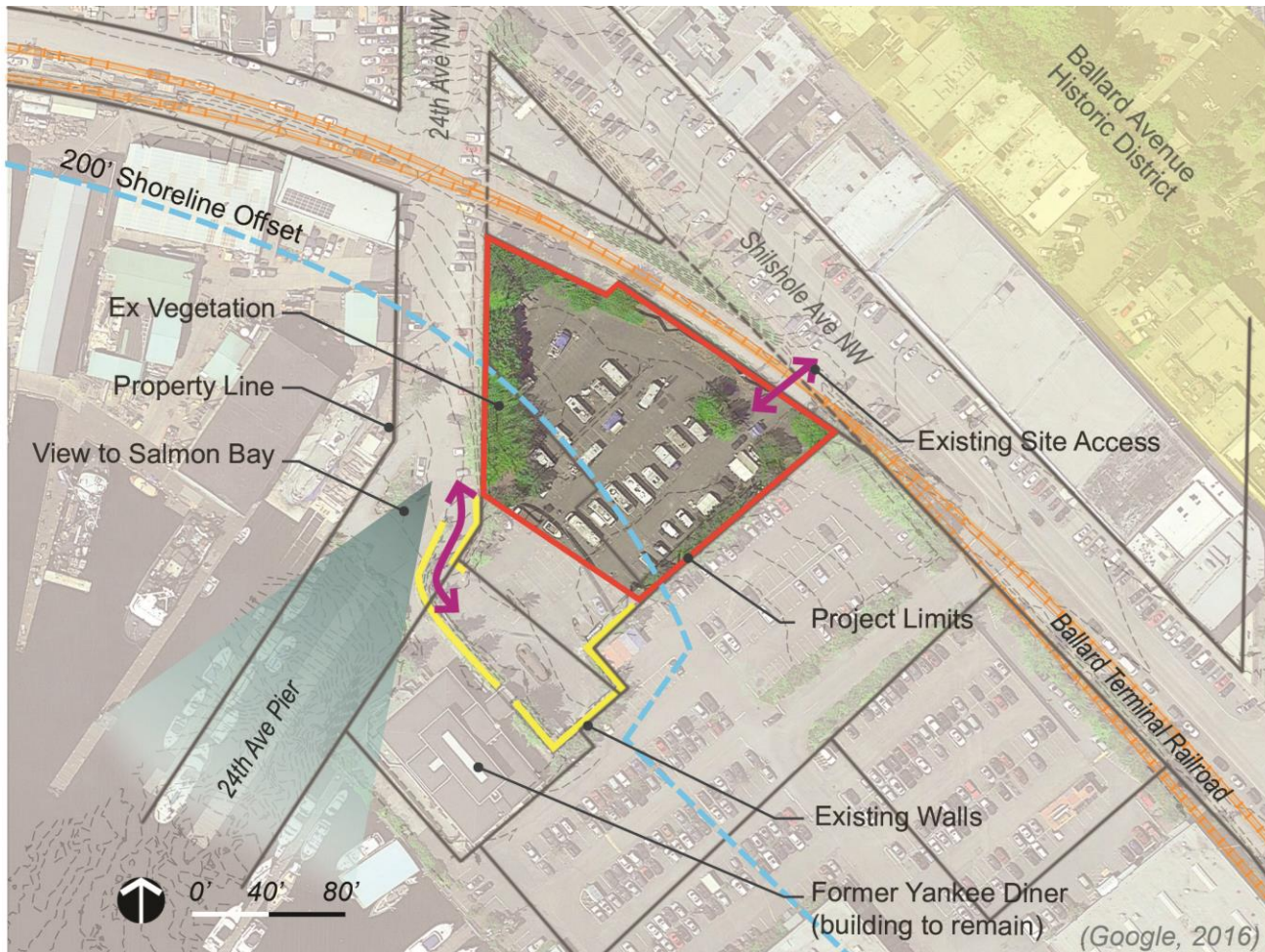
## Key Features

- Drains tunnel
- Dewatering pumps
- Solid pumps
- Odor control
- Standby generator
- Operation and maintenance
- Site access and security
- Vehicle circulation
- Stormwater drainage





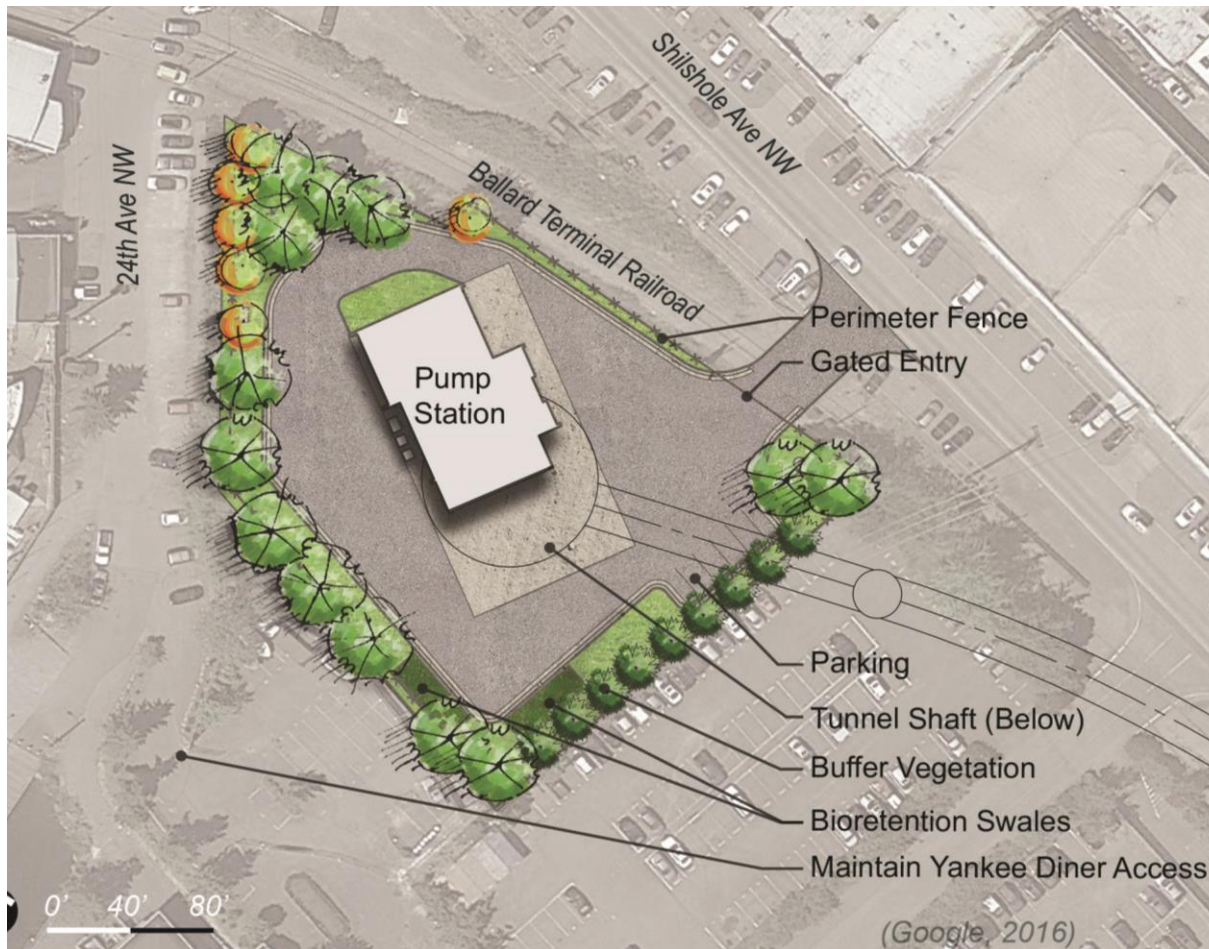
## Site Constraints







## Conceptual Site Plan





# Requirements and Opportunities

- SPU Requirements:
  - Location
  - Technical features
  - Schedule and budget
  - Safety and security
  - Maintenance access
- Advisory Group Opportunities:
  - Building design
  - Materials
  - Look and feel
  - Site fencing
  - Landscaping



## Seattle Design Commission

- Draft conditions:
  - Address relationship between design and public space
  - Reevaluate circulation to minimize impervious areas
- Draft recommendations:
  - Limit fencing to areas that need to be secure to increase public access
  - Coordinate with nearby projects, including pier and Burke-Gilman Trail
  - Consider educational and cultural engagement opportunities



## Next Steps

- Stakeholder advisory group meetings
  - April: Building design
  - June: Site fencing and landscaping
  - August: Prepare draft recommendations
  - Mid 2018: Design update
- Questions?
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